



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/774,998	01/31/2001	Jukka Jarvi	602.338USW1	7086

32294 7590 06/17/2005

SQUIRE, SANDERS & DEMPSEY L.L.P.
14TH FLOOR
8000 TOWERS CRESCENT
TYSONS CORNER, VA 22182

EXAMINER

KNOWLIN, THJUAN P

ART UNIT

PAPER NUMBER

2642

DATE MAILED: 06/17/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/774,998

Applicant(s)

JARVI, JUKKA

Examiner

Thjuan P. Knowlin

Art Unit

2642

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 February 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Response to Amendment

1. Applicant's amendment filed on February 18, 2005 has been entered. Claims 1 and 9 have been amended. No claims have been cancelled. No claims have been added. Claims 1-10 are still pending in this application, with claims 1 and 6 being independent.

Claim Rejections - 35 USC § 102

2. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
3. Claim 1-10 are rejected under 35 U.S.C. 102(b) as being anticipated by Parker et al (US 5,483,585).
4. In regards to claims 1, 5, 6, and 10 Parker discloses the method for the management of subscriber functions (subscriber services), said method being used to manage subscriber functions in a telecommunication network (telecommunications system, see Fig. 1) said subscriber functions being stored in records (object store 31, See col. 5 lines 10-26), the method comprising the steps of: defining one or more default function sets (basic telephone services), each function set comprising one or more subscriber functions of a digital telephone exchange (local exchange or switch 10) defined as default functions (col. 5 lines 2-6); partitioning subscribers of said digital telephone exchange into default subscribers (subscribers with basic telephone service)

and special subscribers (subscribers with supplementary service, such as call forwarding and three-party), said default subscribers being those subscribers whose subscriber functions correspond to one of said default function sets, and said special subscribers being those subscribers whose subscriber functions do not correspond to any of said default function sets (See Abstract and col. 5 lines 10-26); storing subscriber functions consistent with said default function sets in default records, each default record being common to all the default subscribers whose subscriber functions correspond to the subscriber functions in the default record concerned (See col. 6 lines 4-15 and col. 8 lines 4-21); storing subscriber functions for each special subscriber in subscriber-specific records, each subscriber-specific record being specific to the special subscriber concerned (See col. 6 lines 4-15 and col. 8 lines 22-30); reading the subscriber functions for each default subscriber from the default record concerned; and reading the subscriber functions for each special subscriber from the subscriber-specific record for the subscriber concerned (See col. 6 lines 4-15).

5. In regards to claims 2 and 7, Parker discloses the method, characterized in that data indicating whether the subscriber is a default subscriber or a special subscriber is provided in conjunction with the telephone number (telephone or directory number) of the subscriber (See col. 4 lines 1-23).

6. In regards to claim 3 and 8, Parker discloses the method, characterized in that when changes are made in the subscriber functions for a special subscriber, a check is performed to establish whether the changed functions correspond to any one of the default function sets; and if the changed functions correspond to one of the default

function sets, then the special subscriber concerned is redefined as a default subscriber (col. 5 lines 10-25 and col. 8 lines 31-37).

7. In regards to claims 4 and 9, Parker discloses the method and system, characterized in that the subscriber functions for a special subscriber are not stored in a subscriber specific record until one of said functions is activated for use (col. 4-5 lines 53-6 and col. 8 lines 22-30).

Response to Arguments

8. Applicant's arguments filed 02/18/05 have been fully considered but they are not persuasive. Applicant argues that Parker et al do not teach or suggest a default record, i.e., a record in which subscriber functions consistent with default function set are stored, wherein the default record is common to all the default subscribers whose subscriber functions correspond to the subscriber function in the default record concerned and each of the default function sets includes one or more subscriber functions of a digital telephone exchange defined as default functions. Examiner respectfully disagrees with this argument. Parker et al do teach and suggest a default record (See Fig. 2, data/object store 31, col. 6 lines 15-25), i.e., a record in which subscriber functions consistent with default function set (basic telephone services) are stored, wherein the default record is common to all the default subscribers (subscribers with basic telephone services) whose subscriber functions correspond to the subscriber function in the default record concerned and each of the default function sets includes one or more subscriber functions of a digital telephone exchange (See Fig. 1 and local

exchange/switch 10) defined as default functions (See col. 4 lines 10-23, col. 6 lines 4-15, col. 6 lines 40-45, and col. 8 lines 4-21). Applicant further argues that the portions of Parker et al cited by the Office Action, in no way disclose or suggest a single default record into which information about the service of a plurality of customers with basic telephony services are stored, nor do these portions suggest a single default record from which information about the service of a plurality of customers with basic telephony services are read. Examiner would like to bring to Applicant's attention that a single default record is not recited in the claims. The claims recite "records" or "each record," which indicates that there could be or that there is a plurality of records, and not just a single record. However, Parker et al do disclose and suggest a single default record (See Fig. 2 and data/object store 31) into which information about the service of a plurality of customers with basic telephony services are stored, and a single default record from which information about the service of a plurality of customers with basic telephony services are read (See col. 6 lines 15-25 and col. 6 lines 40-45).

Conclusion

9. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).
10. A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the

Art Unit: 2642


shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thjuan P. Knowlin whose telephone number is (571) 272-7486. The examiner can normally be reached on Mon-Fri 8:30-5:00pm.

12. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar can be reached on (571) 272-7488. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

13. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Thjuan P. Knowlin


AHMAD F. MATAR
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2700

